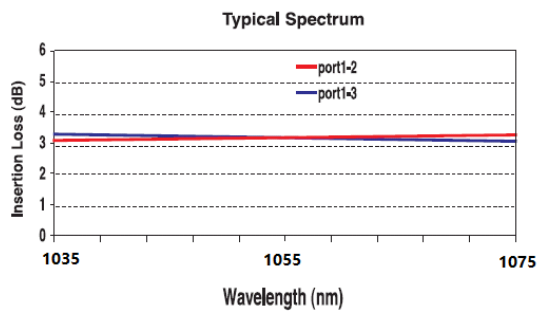


1x2(2x2) 1055nm(1064nm) Single Mode Broadband Splitter



Product Features

- Low PDL
- Low Insertion Loss
- High Directivity
- Stable and Reliable

Product Applications

- OCT (Optical Coherence Tomography)
- Medical System
- Optical Fiber Sensor
- Optical Power Distributor

Specifications		Splitting Ratio: 50:50	
Parameter	Unit	Premium	A grade
Port Configuration		1x2 or 2x2	
Central Wavelength	nm	1064 or 1055	
Bandwidth	nm	± 20	
Ratio	%	50 ± 5	
Excess Loss	Max. dB	0.2	0.3
Uniformity	Max. dB	0.6	0.7
PDL	Max. dB	0.1	0.15
Return Loss*	Min. dB	55	50
Operating power	Max. W	5	
Operating Temperature	°C	-40 to +85	
Storage Temperature	°C	-50 to +85	
Package Type	mm	S6	Ø3x54: for bare fiber
		S8	Ø3x70: for 0.9mm loose tube
		M1	9x16x90: for 0.9mm loose tube or 2mm cable or 3mm cable

*Test at central wavelength only. There would be an unused termination port around 20cm for 1x2 version.

Splitting Ratio & Wavelength Dependent Loss Conversion Table

Splitting Ratio	WDL (dB)			
	Premium		A grade	
	Output Port 1	Output Port 2	Output Port 1	Output Port 2
50:50	0.2	0.2	0.25	0.25
70:30	0.4	0.6	0.5	0.7
95:5	0.2	0.6	0.3	0.7

Ordering Information

S	B	S								
Wavelength	Structure	Splitting Ratio	Grade	Package	Fiber Type	Pigtail	Fiber Length	Connector		
Z=1055nm 8=1064nm S=Specify	1=1x2 2=2x2	05=99.5:0.5 99=99:1 98=98:2 97=97:3 96=96:4 95=95:5 ... 50=50:50	P=Premium A=A grade	5=S6 7=S8 D=M1	5=980-20 bare fiber M=0.9mm loose tube L=3mm cable R=2mm cable	S=250µm bare fiber M=0.9mm loose tube L=3mm cable R=2mm cable	0=0.5m 1=0.75m 2=1.0m 3=1.5m 4=2.0m S=Specify	0=None 1=FC/PC 2=FC/SPC 3=FC/APC 4=SC/SPC 5=SC/APC 6=ST 7=FC/UPC 8=SC/UPC 9=MU A=LC/PC B=SC/PC C=LC/UPC D=LC/APC		

Note: 1. Central Wavelength can be customized for different applications.
2. All specifications are before connectors and are subject to change without notice.